NVIDIA Quadro by PNY	Entry			Mid-Range		High-End		Ultra High-End			Specialty Products			
Board Features	**FX 370**	**FX 560**	**FX 570**	**FX 1500**	**FX 1700**	**FX 3500**	**FX 3700**	**FX 4500 X2**	**FX 4600**	**FX 5600**	**FX 4600G**	**FX 4600 SDI**	**FX 5600G**	**FX 5600 SDI**
Memory Size (per GPU)	256MB	128MB	256MB	256MB	512MB	256MB	512MB	512MB per GPU	768MB	1.5GB	768MB	768MB	1.5GB	1.5GB
Memory Type	GDDR2	GDDR3	GDDR2	GDDR3	GDDR2	GDDR3	GDDR3	GDDR2	GDDR3	GDDR3	GDDR3	GDDR3	GDDR3	GDDR3
Memory Interface	64-bit	128-bit	128-bit	256-bit	128-bit	256-bit	256-bit	256-bit	384-bit	384-bit	384-bit	384-bit	384-bit	384-bit
Memory Bandwidth	6.4GB/sec.	19.2GB/sec.	12.8GB/sec.	40GB/sec.	12.8GB/sec.	42.2GB/sec.	51.2GB/sec	33.6GB/sec.	67.2GB/sec	76.8GB/sec.	67.2GB/sec	67.2GB/sec	76.8GB/sec.	76.8GB/sec.
Display Connectors	DVI-I (2)	DVI-I (2) HD Output	DVI-I (2)	DVI-I (2) HD Output	DVI-I (2) HD Output	DVI-I (2), ST	DVI-I (2), ST	DVI-I (4), ST	DVI-I (2), ST	DVI-I (2), ST	DVI-I (2), ST GL/FL (RJ-45)	DVI-I, SDI	DVI-I (2), ST GL/FL (RJ-45)	DVI-I, SDI
Dual Link DVI-I	1	1	2	2	2	2	2	4	2	2	2	1	2	1
Max Power Consumption	35W	30W	38W	65W	42W	80W	78W	145W	134W	171W	154W	154W	191W	191W
Number of Slots	1	1	1	1	1	1	1	2	2	2	3	3	3	3
OpenGL	2.1	2.0	2.1	2.0	2.1	2.0	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.1
Shader Model	4.0	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0
Direct X	10.0	9.0c	10.0	9.0c	10.0	9.0c	10.0	9.0c	10.0	10.0	10.0	10.0	10.0	10.0
SLI Frame Rendering	–	–	–	–	–	Yes	Yes	–	Yes	Yes	Yes	Yes	Yes	Yes
Genlock/Framelock Option	–	–	–	–	–	–	–	–	Optional	Optional	Standard	–	Standard	–
SDI Output Option	–	–	–	–	–	–	–	–	Optional	Optional	–	Standard	–	Standard
3D Primitive Performance														
Geometry (Triangles/Second)	66 Million	126 Million	137 Million	144 Million	191 Million	174 Million	250 Million	208 Million	250 Million	300 Million	250 Million	250 Million	300 Million	300 Million
Fill Rate (Texels/Second)	2.88 Billion	2.8 Billion	3.68 Billion	6.0 Billion	7.36 Billion	9.4 Billion	28.0 Billion	12.0 Billion	12 Billion	19.2 Billion	12 Billion	12 Billion	19.2 Billion	19.2 Billion
Relative Application Performance*														
3dsmax-04	25.61	27.90	30.02	30.63	34.73	33.36	36.06	34.22	36.82	36.40	36.82	36.82	36.40	36.40
catia-02	35.86	38.92	41.57	40.44	44.47	43.06	45.35	42.65	45.21	46.79	45.21	45.21	46.79	46.79
ensight-03	17.85	16.05	23.03	17.18	29.38	17.47	41.43	24.97	41.64	46.59	41.64	41.64	46.59	46.59
light-08	35.20	37.24	37.68	37.39	37.76	37.51	37.10	37.60	37.99	37.67	37.99	37.99	37.67	37.67
maya-02	52.19	71.91	73.01	85.31	110.80	108.10	169.90	112.20	172.70	192.50	172.70	172.70	192.50	192.50
proe-04	26.54	28.45	32.48	31.18	39.51	37.22	40.69	38.80	40.04	40.03	40.04	40.04	40.03	40.03
sw-01	34.36	36.44	44.84	41.16	56.12	49.84	77.95	54.34	73.48	77.50	73.48	73.48	77.50	77.50
tcvis-01	6.94	6.87	9.09	7.95	15.04	10.56	23.79	11.78	14.58	17.26	14.58	14.58	17.26	17.26
ugnx-01	6.93	9.53	8.91	10.66	14.29	14.91	26.96	17.24	25.20	31.16	25.20	25.20	31.16	31.16

*SPECviewperf 9®: for more information visit www.spec.org. Tested on 3GHz Dual Core Xeon.